

ABSTRACT OF THE DISCLOSURE

The present invention provides a data transmission system comprising first and second source devices 102 and 103 for transmitting video data (isochronous data) 205 and 206 output from first and second data output units 1011 and 1012, and a sink device 101 for receiving the video data transmitted from the source devices and outputting the data to a video composition device 1020, in which the video data supplied from the data output units to the source device are synchronized in frame units and transmitted from the source devices to one sink device. In this data transmission system, synchronous information (reference signal information) 207a in the video composition device 1020 is transmitted from the sink device 101 to the source devices 102 and 103, and timing reference signals 208b1 and 208b2 in the data output units 1011 and 1012 are generated by the source devices on the basis of the synchronous information.